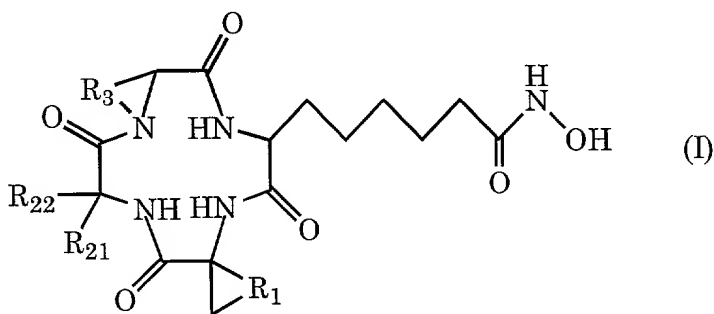


## ABSTRACT

### NOVEL CYCLIC TETRAPEPTIDE DERIVATIVES AND PHARMACEUTICAL USES THEREOF

The present invention provides a cyclic tetrapeptide derivative represented by the following general formula (I) or a pharmaceutically acceptable salt thereof:



wherein

each of  $R_{21}$  and  $R_{22}$  independently denotes hydrogen, a linear  $C_1$ - $C_6$ -alkyl group to which a non-aromatic cycloalkyl group or an optionally substituted aromatic ring may be attached, or a branched  $C_3$ - $C_6$ -alkyl group to which a non-aromatic cycloalkyl group or an optionally substituted aromatic ring may be attached; and

each of  $R_1$  and  $R_3$  independently denotes a linear  $C_1$ - $C_5$ -alkylene group which may have a  $C_1$ - $C_6$  side chain, in which the side chain may form a condensed ring structure on the alkylene chain.

The present invention also provides a histone deacetylase inhibitor, an MHC class-I molecule expression-promoting agent and a pharmaceutical composition, each of which comprises the above cyclic tetrapeptide derivative or pharmaceutically acceptable salt thereof as an active ingredient.